IN THE CLAIMS

Please substitute claims 1-21 with the following:

1.   (Currently Amended) A compiling apparatus ~~characterized by~~ comprising:

an analysis data generating section for generating, ~~form~~ from a source program, analysis data of the source program;

a first executable program generating section for generating a first executable program on the basis of the analysis data;

a profile data generating section for generating profile data on the basis of the first executable program; and

a second executable program generating section for generating a second executable program on the basis of the analysis data and the profile data.

2.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized by~~ further comprising an analysis data storage section for storing the analysis data generated by the analysis data generating section.

3.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized by~~ further comprising a profile data storage section for storing the profile data generated by the profile data generating section.

4.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized in that~~ wherein the first executable program generating section and the second executable program generating section constitute one executable program generating section.

5.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized in that~~ wherein the first executable program generating section generates an executable program that can be executed in a target computer.

6.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized~~ ~~in that~~ wherein the first executable program generating section generates a program of an indirect execution format.

7.   (Currently Amended) A compiling apparatus according to claim 6, ~~characterized~~ ~~in that~~ wherein the first executable program generating section is one for generating an intermediate program of an indirect execution format, which can be executed regardless of the type of the computer that executes the program.

8.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized~~ ~~by~~ further comprising a compile designation data receiving section for receiving compile designation data from an operator and ~~characterized in that~~ wherein the second executable program generating section generates an optimal program for a target computer, on the basis of the compile designation data input via the compile designation data receiving section, the analysis data and the profile data.

9.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized~~ ~~by~~ further comprising a compile designation data receiving section for receiving compile designation data from an operator and a compile designation data storage section for storing the compile designation data input via the compile designation data receiving section, and ~~characterized in that~~ wherein the second executable program generating section generates an optimal program for a target computer, on the basis of the compile designation data stored in the compile designation data storage section, the analysis data and the profile data.

10.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized~~ ~~by~~ further comprising a compile designation data receiving section for receiving compile designation data from a program that assists a compiling process, and ~~characterized in that~~ wherein the second executable program generating section generates an optimal program for a

target computer, on the basis of the compile designation data input via the compile designation data receiving section, the analysis data and the profile data.

11.   (Currently Amended) A compiling apparatus according to claim 1, ~~characterized by~~ further comprising a compile designation data receiving section for receiving compile designation data from a program that assists a compiling process and a compile designation data storage section for storing the compile designation data received via the compile designation data receiving section, and ~~characterized in that~~ wherein the second executable program generating section generates an optimal program for a target computer, on the basis of the compile designation data stored in the compile designation data storage section, the analysis data and the profile data.

12.   (Currently Amended) A compiling method ~~characterized by~~ comprising:

an analysis data generating step of generating, ~~form~~ from a source program, analysis data of the source program;

a first executable program generating step of generating a first executable program on the basis of the analysis data;

a profile data generating step of generating profile data on the basis of the first executable program; and

a second executable program generating step of ~~generating section for~~ generating a second executable program on the basis of the analysis data and the profile data.

13.   (Currently Amended) A compiling method according to claim 12, ~~characterized by~~ further comprising an analysis data storing step of storing the analysis data generated by the analysis data generating section, in an analysis data storage section.

14.   (Currently Amended) A compiling method according to claim 12, ~~characterized by~~ further comprising a profile data storing step of storing the profile data generated by the profile data generating section, in a profile data storage section.

15.   (Currently Amended) A compiling method according to claim 12, ~~characterized in that~~ wherein the first executable program generating generates an executable program that can be executed in a target computer.

16.   (Currently Amended) A compiling method according to claim 12, ~~characterized in that~~ wherein the first executable program generating step generates a program of an indirect execution format.

17.   (Currently Amended) A compiling method according to claim 16, ~~characterized in that~~ wherein the first executable program generating step generates an intermediate program of an indirect execution format, which can be executed regardless of the type of the computer that executes the program.

18.   (Currently Amended) A compiling method according to claim 12, ~~characterized by~~ further comprising a compile designation data receiving step of receiving compile designation data from an operator and ~~characterized in that~~ wherein an optimal program for a target computer is generated in the second executable program generating step, on the basis of the compile designation data input via the compile designation data receiving section, the analysis data and the profile data.

19.   (Currently Amended) A compiling method according to claim 12, ~~characterized by~~ further comprising a compile designation data receiving step of receiving compile designation data from an operator and a compile and storing the same in a compile designation data storing section, and ~~characterized in that~~ wherein an optimal program for a target computer is generated

in the second executable program generating step, on the basis of the compile designation data stored in the compile designation data storage section, the analysis data and the profile data.

20. (Currently Amended) A method according to claim 12, ~~characterized by~~ further comprising a compile designation data receiving step of receiving compile designation data from a program that assists a compiling process, and ~~characterized in that~~ wherein an optimal program for a target computer is generated in the second executable program generating step, on the basis of the compile designation data input via the compile designation data receiving section, the analysis data and the profile data.

21. (Currently Amended) A compiling method according to claim 12, ~~characterized by~~ further comprising a compile designation data receiving step of receiving compile designation data from a program that assists a compiling process and storing the same in a compile designation data storage section, and ~~characterized in that~~ wherein an optimal program for a target computer is generated in the second executable program generating step, on the basis of the compile designation data stored in the compile designation data storage section, the analysis data and the profile data.